

## Abstract

### Wind machine with slanting blades

5 A wind machine mounted on a vertical mast (2) and having  
a wind-driven turbine (1) co-operating with an alternator  
to generate electrical power, this turbine (1) being  
fitted with slanting blades (6) mounted on a large-  
diameter hub (7) with a horizontal axis, the generators  
10 of which are located along the trunk of a cone facing the  
wind, characterised in that the alternator comprises, on  
the one hand, a magnetic rotor (4) secured to the hub  
(7), preferably on a level with the maximum available  
diameter, and on the other hand a stator (5), adjacent to  
15 the rotor (4), with magnetic coils distributed in a  
partial or full circle, and secured to a stationary frame  
(22) joined to an encircling hood (9) extending the hub  
(7) coaxially, the blades (6) being shrouded in the  
vicinity of their ends (55) by a relatively short,  
20 divergent, circular fairing (8) mounted concentrically  
with the hub (7).